

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO-1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number: 1824A

Application
No.:
09/922,187

EXAMINER NAME:

First Named Inventor: OSAMA M. MUSA et al.

Filing Date: 08/03/2001

Group Art:1714

Sheet 1 of 6

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
E.C.		US- 4,401,777	8/30/83				
		US- 4,640,849	2/3/87				
		US- 4,727,126	2/23/88				
		US- 4,732,956	3/22/88				
		US- 4,883,883	11/28/89				
		US- 5,021,487	6/4/91				
E.C.		US- 6,034,195	3/7/00				
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
E.C.		JP 60064958	04/13/85	K. Nobushi			
E.C.		JP 06273930	09/30/84	T. Akio			
		XP-002246913					
		XP-002246914					
		XP-002246915					

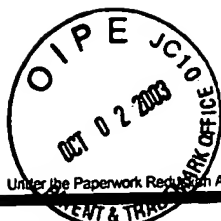
EXAMINER SIGNATURE

DATE CONSIDERED

3/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#56615



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO-1449A/PTO

Attorney Docket Number: 1824A

Application
No.:
09/922,187

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

EXAMINER NAME:

First Named Inventor: OSAMA M. MUSA et al.

Filing Date: 08/03/2001

Group Art:1714

Sheet 2 of 6

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ² - Number ⁴ - Kind Code ³ (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		XP-002246918					
		XP-002246917					
		XP-002246918					
		XP-002246919					
		XP-002248168					

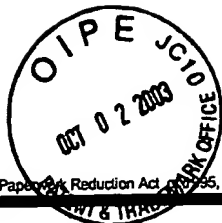
EXAMINER SIGNATURE

DATE CONSIDERED 3/08

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#56616



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form PTO-1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number: 1824A

Application
No.:
09/922,187

EXAMINER NAME:

First Named Inventor: OSAMA M. MUSA et al.

Filing Date: 08/03/2001

Group Art: 1714

Sheet 3 of 6

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		XP-002246676					
		XP-002246677					
		XP-002246678					
		XP-002246679					
		XP-002246680					

EXAMINER SIGNATURE

DATE CONSIDERED

8/05

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#56736



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO-1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number: **1824A**

Application
No.:
09/922,187

EXAMINER NAME:

First Named Inventor: **OSAMA M. MUSA et al.**

Filing Date: **08/03/2001**

Group Art: 1714

Sheet 4 of 6

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		XP-002246681					
		XP-002246682					
		XP-002246683					
		XP-002246684					
		XP-002246685					

EXAMINER SIGNATURE

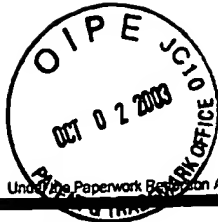
DATE CONSIDERED

3/03

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#56737



PTO/SB03A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO-1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number: 1824A

Application
No.:
09/922,187

EXAMINER NAME:

First Named Inventor: OSAMA M. MUSA et al.

Filing Date: 08/03/2001

Group Art:1714

Sheet 5 of 6

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		XP-002246686					
		XP-002246687					
		XP-002246688					
		XP-002246689					
		XP-002246690					

EXAMINER SIGNATURE

DATE CONSIDERED

3/05

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#56743



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO-1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number: 1824A

Application
No.:
09/922,187

EXAMINER NAME:

First Named Inventor: OSAMA M. MUSA et al.

Filing Date: 08/03/2001

Group Art:1714

Sheet 6 of 6

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Pub. Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			Pages
		XP-002245591					
<i>Rd</i>		EP 0 368 634	5/16/90	J. Woods			
		EP 371 640	06/06/90	S. Shirakawa et al			
<i>P-e</i>		2064 305	7/6/72	D. Freitag et al			

EXAMINER SIGNATURE *Rd*

DATE CONSIDERED 3/05

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#56745